

7. (original) The electrochemical energy storage device of claim 1, wherein the carrier material is a composite containing nano-scale ceramic.

8. (original) The electrochemical energy storage device of claim 1, wherein the carrier material is a composite including thermoplastics.

9. (original) The electrochemical energy storage device of claim 1, wherein the porous material has a porosity of more than 50%.

10. (original) The electrochemical energy storage device of claim 1, wherein the porous material has a porosity of more than 70%.

11. (original) The electrochemical energy storage device of claim 1, wherein said electrochemical energy storage device is a capacitor.

12. (original) The electrochemical energy storage device of claim 1, wherein said electrochemical energy storage device is a battery selected from the group consisting of nickel/cadmium high rate, nickel metal hybrid, rechargeable MnO_2 , $\text{Zn} - \text{MnO}_2$, Zn/Air , alkaline capacitors and alkaline fuel cells.

13. (original) The electrochemical energy storage device of claim 1, wherein said electrochemical energy storage device is an alkaline capacitor.

14. (original) The electrochemical energy storage device of claim 1, wherein said electrochemical energy storage device is an alkaline fuel cell.